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[Appln Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity/Reexam](#) [Foreign](#)

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 PCT / / or PG PUBS #
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Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

1	US 7163379 B2	20070116	Gradient liquid feed pump system, and liquid chromatograph	417/6		Mori; Kiyotoshi et al.
1	US 7150251 B2	20061219	Valve timing control apparatus	123/90.17	123/90.12; 123/90.15; 123/90.16; 123/90.31; 464/1; 464/160; 464/2; 92/121; 92/122	Watanabe; Atsushi et al.
1	US 7147364 B2	20061212	Mixer and liquid analyzer provided with same	366/162.4	366/173.1; 366/177.1; 366/341	Oohashi; Tomoki et al.
1	US 7137796 B2	20061121	Scroll compressor	418/55.5	418/15; 418/57	Tsubono; Isamu et al.
1	US 7118358 B2	20061010	Scroll compressor having a back-pressure chamber control valve	418/55.5	137/505.13; 418/15; 418/55.1; 418/57	Tsubono; Isamu et al.
1	US 7086359 B2	20060808	Rotational phase adjuster	123/90.17	123/90.15; 123/90.16; 123/90.31	Hayase; Isao et al.
1	US 7063785 B2	20060620	Pump for liquid chromatography	210/198.2	210/101; 210/656; 417/245; 417/254; 417/265; 417/426	Hiraku; Kenji et al.
1	US 7063513 B2	20060620	Liquid chromatograph pump with dual cylinders and dual plungers	417/245	417/254; 417/265; 417/426; 417/44.2	Hiraku; Kenji et al.
1	US 7021912 B2	20060404	Scroll fluid machine	418/94	418/55.1; 418/55.4; 418/55.6; 418/98	Tsuchiya; Takeshi et al.
1	US	20050802	Liquid	210/656	210/101;	Hiraku;

	6923916 B1		chromatograph pump and control method therefor		210/198.2; 417/53	Kenji et al.
1	US 6905318 B2	20050614	Compressor including tapered discharged valve and valve seat	417/559	137/540	Kouno; Takeshi et al.
1	US 6769888 B2	20040803	Scroll compressor having a valved back pressure chamber and a bypass for overcompression	418/55.5	418/15	Tsubono; Isamu et al.
1	US 6725837 B2	20040427	Fuel supply system	123/436	123/456	Hiraku; Kenji et al.
1	US 6701898 B2	20040309	Fuel supply apparatus and method of control thereof	123/456	123/506	Tokuo; Kenichiro et al.
1	US 6651630 B2	20031125	High pressure fuel pump	123/506	123/458; 251/129.02; 417/490; 417/505	Hiraku; Kenji et al.
1	US 6637550 B2	20031028	Displacement type fluid machine	184/6.16		Koyama; Masaki et al.
1	US 6589035 B1	20030708	Scroll compressor having a valved back-pressure chamber and a bypass for over- compression	418/55.5	418/15	Tsubono; Isamu et al.
1	US 6505608 B2	20030114	Fuel supply system	123/458	123/456; 123/467	Hiraku; Kenji et al.
1	US 6494696 B2	20021217	Scroll compressor	418/55.6	184/6.18; 418/87; 418/94	Terai; Toshiyuki et al.
1	US 6352418 B1	20020305	Displacement type fluid machine	418/61.1	418/151; 418/57; 418/94	Kohsokabe; Hirokatsu et al.

1	US 6345967 B1	20020212	Scroll type fluid machine having different wrap side surface clearances	418/55.2		Mukai; Yuugo et al.
1	US 6332764 B1	20011225	Displacement type fluid machine having an orbiting displacer forming a plurality of spaces and method for manufacturing same	418/61.1	418/77	Kohsokabe; Hirokatsu et al.
1	US 6332763 B1	20011225	Displacement type fluid machine having an orbiting displacer forming a plurality of spaces	418/61.1		Kohsokabe; Hirokatsu et al.
1	US 6280165 B1	20010828	Scroll type fluid machine	418/55.1	29/888.022; 418/107; 418/108; 418/57	Tsuchiya; Takeshi et al.
1	US 6164941 A	20001226	Displacement type fluid machine having an orbiting displacer forming a plurality of spaces	418/61.1		Kohsokabe; Hirokatsu et al.
1	US 6122049 A	20000919	Liquid chromatographic apparatus	356/246	356/337	Sugiyama; Yoshimi et al.
1	US 6047684 A	20000411	Gear pump and fuel transfer system using the gear pump	123/497	418/132	Hiraku; Kenji et al.
1	US 5960697 A	19991005	Axial piston machine	92/12.2	417/269; 92/57; 92/71	Hayase; Isao et al.

1	US 5938417 A	19990817	Scroll type fluid machine having wraps formed of circular arcs	418/55.2		Takao; Kunihiko et al.
1	US 5884597 A	19990323	Fuel feeding apparatus for internal combustion engine and vehicle using the fuel feeding apparatus	123/179.17	123/447	Hiraku; Kenji et al.
1	US 5852231 A	19981222	Elution liquid control for a liquid chromatograph	73/61.56	137/7; 210/101; 210/198.2	Kaji; Hironori
1	US 5775893 A	19980707	Scroll compressor having an orbiting scroll with volute wraps on both sides of a plate	418/55.2	418/151; 418/55.3; 418/60	Takao; Kunihiko et al.
1	US 5699693 A	19971223	Widthwise compressing machine and method using vibrations to reduce material width	72/199	72/206; 72/407; 72/416; 72/710	Nogami; Tadahiko et al.
1	US 5664937 A	19970909	Precisely flow-controlling pump	417/22	417/12; 417/42; 417/44.2	Takahashi; Kenichiro et al.
1	US 5559283 A	19960924	Casing structure for chromatograph	73/61.56	73/431; 96/106	Kaji; Hironori et al.
1	US 5531577 A	19960702	Scroll type fluid machine having a lever driving mechanism	418/55.1	417/410.5; 418/57	Hayase; Isao et al.
1	US 5512170 A	19960430	Liquid chromatograph	210/198.2	210/656	Yamada; Yoshiaki et al.
1	US D356745 S	19950328	Operator with printer for analyzing	D10/81	D10/46; D10/75	Ninomiya; Atsushi et al.

			machine of liquid chromatograph			
1	US D354013 S	19950103	Liquid chromatograph analyzer	D10/81	D24/232	Ninomiya; Atsushi et al.
1	US D353384 S	19941213	Pump for analyzing machine of liquid chromatograph	D15/7		Ninomiya; Atsushi et al.
1	US 5231914 A	19930803	Variable displacement compressor	92/12.2		Hayase; Isao et al.
1	US 5105728 A	19920421	Balanced variable-displacement compressor	92/71	417/222.2; 92/12.2	Hayase; Isao et al.
1	US 5100557 A	19920331	Liquid chromatography system and method for separation of pre-separated components	210/656	210/198.2; 422/70; 73/61.52	Nogami; Taro et al.
1	US 5063829 A	19911112	Variable displacement swash plate type compressor	92/71	417/222.2; 74/60; 92/12.2	Takao; Kunihiko et al.
1	US 5009577 A	19910423	Rotary compressor of variable displacement type	417/295	417/442; 417/503; 418/15; 418/159; 418/184; 418/255	Hayase; Isao et al.
1	US 4929159 A	19900529	Variable-displacement rotary compressor	417/295	417/310; 418/183; 418/255	Hayase; Isao et al.
1	US 4867649 A	19890919	Refrigerating system	417/222.2	417/270	Kawashima; Kenichi et al.
1	US 4815943 A	19890328	Variable displacement wobble plate compressor with	417/222.2	417/269; 92/12.2	Kawashima; Kenichi et al.

			capacity control valve			
1	US 4815195 A	19890328	Method of combining plurality of parts and structure of plurality of parts combined by same	29/523	29/467	Tsuruoka; Kazuhiro et al.
1	US 4801248 A	19890131	Variable capacity swash plate compressor	417/222.2	417/269; 74/60; 92/12.2	Tojo; Kenji et al.
1	US 4782712 A	19881108	Variable displacement compressor	74/60	417/269; 92/12.2	Takahashi; Yukio et al.
1	US 4723895 A	19880209	Method of and apparatus for effecting volume control of compressor	417/293	417/295; 417/442; 417/462; 417/503	Hayase; Isao
1	US 4711620 A	19871208	Moving vane type compressor	418/96	418/179; 418/268; 418/76; 418/97	Takahashi; Yukio et al.
1	US 4702684 A	19871027	Slide vane type compressor with increased suction part-cross-sectional area	418/259	418/270	Takao; Kunihiko et al.
1	US 4653991 A	19870331	Vane type compressor with fluid pressure biased vanes	418/82	418/268; 418/93	Takao; Kunihiko et al.
1	US 4636148 A	19870113	Vane type compressor with volume control	417/286	417/295; 418/259	Takao; Kunihiko et al.
1	US 4619595 A	19861028	Capacity control device for compressor	418/83	418/259	Amano; Keijiro et al.
1	US 4608002 A	19860826	Rotary vane compressor with hook-like suction passage	418/86	418/270	Hayase; Isao et al.
1	US 4515514	19850507	Vane-type rotary machine	418/150		Hayase; Isao et al.

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1	US 4515513 A	19850507	Rotary compressor with inner and outer cylinders and axial insert type discharge valves	418/101	418/178; 418/179; 418/270	Hayase; Isao et al.
1	US 4507068 A	19850326	Vane type rotary machine	418/150	418/238; 418/267	Hayase; Isao et al.
1	US 4321019 A	19820323	Swash plate type compressor	417/269		Degawa; Takashi et al.